

FACT SHEET – AMENDMENT #1

State Waste Discharge Permit 5309

Lamb Weston Pasco

I. GENERAL INFORMATION

Facility: Lamb Weston
P.O. Box 2324
Pasco, WA 99302

Facility Location: North of the city of Pasco's municipal airport; along Glade Road

Type of Facility: Potato processor

Wastewater Treatment: Screening, settling, and land application

II. BACKGROUND

The Lamb Weston (L-W) Pasco facility produces frozen potato products (French fries) year around using freshly harvested and stored potatoes. Process wastewater has been spray irrigated year around for final treatment since 1967. The current land treatment system is approximately 2500 acres.

A state waste discharge permit was reissued to Lamb Weston in May 2004. It contains, in part, a requirement to increase the land treatment system to its full size, 3119 acres, when "...the average flow for the maximum month or total annual flow from the processing facility reaches 85% of the design flow (1.87 MGD, or 683 million gallons)."

III. PERMIT MODIFICATION

L-W submitted a letter to Ecology to request a permit modification of Special Condition S4.B, (Plans for Expanding Sprayfield Acreage) that requires the expansion of the sprayfield acreage to 3119 acres. It was requested that the language be changed to require the sprayfield expansion to occur when the design flow reached 85% "for three consecutive months". This amended language more closely reflects the intent of permit condition S4.B which was based on NPDES permit language for municipal dischargers.

IV. DISCUSSION

The draft permit required L-W to bring online all of the available sprayfield acreage so the system would be operated as designed. It was pointed out by L-W during the public

comment period on the draft permit that the current discharge flow volume from the processing facility is well below the design flow of the treatment system, therefore there is no need to bring all of the acreage online now. Ecology agreed and in the Response to Comments for the draft permit decided to use the language in the municipal NPDES permit that requires facility updates whenever the discharge reaches 85% of the design flow; i.e., update the sprayfield acreage to 3119 acres when the facility reaches 85% of the design flow.

Following the receipt of the modification request letter, it was discovered that the 85% language in the municipal NPDES permit required that the design flow be exceeded by 85% for three consecutive months. This language was omitted from L-W's permit.

Ecology agrees that Section S4.B of L-W's permit should be modified to include the requirement that the discharge from the processing facility must reach 85% of the design flow for three consecutive months.

V. CONCLUSION

Section S4.B of L-W's permit will be modified and the following changes will be made:

B. Plans for Expanding Sprayfield Acreage

The Permittee will submit to the Department a plan for bringing the sprayfield system to its full capacity (3119 acres) when the average flow for the maximum month **from the processing facility** ~~or total annual flow from the processing facility~~ reaches 85% of the design **maximum month average flow (1.87 MGD) for three consecutive months, or a total annual flow of 683 million gallons**).

Addendum #4 of the Fact Sheet will also be changed; attached.

The public will be notified of the proposed changes to the permit via a legal notice in the local newspaper, and a 30-day comment period will follow.

S4. FACILITY LOADING

A. Design Criteria

Flows or waste loadings of the following design criteria for the permitted treatment facility shall not be exceeded:

Average flow for the maximum month: 2.2 MGD

B. Plans for Expanding Sprayfield Acreage

The Permittee will submit to the Department a plan for bringing the sprayfield system to its full capacity (3119 acres) when the average flow for the maximum month from the processing facility reaches 85% of the design maximum month average flow (1.87 MGD) for three consecutive months, or a total annual flow of 683 million gallons.

The plan shall be submitted no later than sixty (60) days after reaching the 85% design flow value. It shall include what steps will be taken to bring all acreage on line and a time line for its completion.

S5. OPERATION AND MAINTENANCE

The Permittee shall at all times be responsible for the proper operation and maintenance of any facilities or systems of control installed to achieve compliance with the terms and conditions of the permit.

A. Operations and Maintenance Manual

The O&M Manual shall be reviewed by the Permittee at least annually. All manual changes or updates shall be submitted to the Department whenever they are incorporated into the manual. The approved operation and maintenance manual shall be kept available at the permitted facility.

All operators shall follow the instructions and procedures of this manual.

B. Bypass Procedures

The Permittee shall immediately notify the Department of any spill, overflow, or bypass from any portion of the treatment system.

The bypass of wastes from any portion of the treatment system is prohibited unless one of the following conditions (1, 2, or 3) applies:

1. *Unavoidable Bypass* -- Bypass is unavoidable to prevent loss of life, personal injury, or severe property damage. "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass.

ADDENDUM #4

Lamb-Weston (Pasco) – Approximate Permit Actions Timeline

	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
2004				issue permit								Vadose Zone Monitoring Plan
2005	2/cycle soil testing year			Irrig & Crop Plan								
2006				Irrig & Crop Plan All 3119 acres on-line								O & M Update
2007	2/cycle soil testing year			Irrig & Crop Plan								
2008				Irrig & Crop Plan								Permit Application
2009				Irrig & Crop Plan								

